What is claimed is:

1. An image data filtering method for reducing blocking effect and noise when a frame of the image data is composed of data blocks of predetermined size, the method comprising:

generating flag information on the data block from the bitstream image data;

generating filtering information on the data block from the flag information;

filtering the data block passed through inverse quantization and inverse discrete cosine transform according to the generated filtering information.

2. The method of claim 1, the filtering information generating step comprising generating flag information on the data block from predetermined pixels of the upper and left boundary regions of the data block when the flag information indicates intra mode.

3. The method of claim 1, the filtering information generating step comprising generating flag information on the data block using a motion vector and a residual signal of the data block when the flag information indicates inter mode.

4. An image data filtering apparatus for reducing blocking effect and noise when a frame of the image data is composed of data blocks of predetermined size, the apparatus comprising:

checking unit to check flag information on the data block from the bitstream image data;

generating unit to generate filtering information on the data block from the flag information;

adaptive filtering unit to filter the data block passed through inverse quantization and inverse discrete cosine transform according to the generated filtering information.

5. The apparatus of claim 4, wherein the filtering information generating unit comprises an intra-filtering information generator which is used when the data block is in intra mode and an inter-filtering information generator which is used when the data block is in inter mode.

6. The apparatus of claim 5, wherein the intra-filtering information generator generates filtering information on the data block from predetermined pixels of the upper and left boundary regions of the data.

7. The apparatus of claim 5, wherein the inter-filtering information generator generates filtering information on the data block using a motion vector and a residual signal of the data block.